

# MARINE CORPS WARFIGHTING LABORATORY

The **Silver Fox unmanned aerial vehicle (UAV)** system will provide a simple, easy to operate, airborne imagery sensor to increase day and night reconnaissance and surveillance directly to Battalion or Squadron units to aid in developing their situational awareness and command and control of tactical operations. The intent is for the system to be a small airborne sensor for close observation of objects-of-interest. The system will be a complete, lightweight, ready-to-use-as-delivered system with reduced logistics requirements and minimum of formal operator training.

**Background:** The Silver Fox Block B UAV system was developed and demonstrated to the 1st Marine Expeditionary Force (I MEF) in June 2004 with the intention of eventually deploying the UAV system in theater. The results of the I MEF demonstration revealed deficiencies in capability and service suitability that, if corrected, could eventually lead to an effective small UAV ISR system for the USMC. The Silver Fox was in process of being upgraded to the Block B-1 UAV System that was eventually procured by Canada. This procurement is for an improved Silver Fox Block B-2 UAV System that includes all of the improvements of the Block B-1 System plus improvements and changes that address the deficiencies identified during the I MEF Demonstration. II MEF will conduct a Silver Fox will an extended user assessment during FY05.

**Description:** The Small UAV System will provide a simple, easy to operate, airborne imagery sensor to increase day and night reconnaissance and surveillance directly to Battalion or Squadron units to aid in developing their situational awareness and command and control of tactical operations. The intent is for the system to be a low small airborne sensor for route surveillance and close observation of objects-of-interest. The system will be a complete, lightweight, ready-to-use-as-delivered system with reduced logistics requirements, small expeditionary footprint, and minimal formal operator training.

## SILVER FOX UNMANNED AERIAL VEHICLE *fact sheet*



**Deliverable products:** Contract awarded 23 November 2004 for the Silver Fox Block B-2 system. The first system will be delivered to Naval Air Systems Command for flight-testing and certification, tentatively scheduled for February 2005. Systems number two and three will be delivered to II MEF for operator training and extended user assessments during FY05.

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